

Quick Setup Guide

AirStation MIMO Wireless CardBus Adapter WLI-CB-G108



Use this guide to quickly and easily install your Wireless CardBus Adapter. For advanced setup and configuration information, refer to the AirStation Wireless CardBus Adapter Manual, located on the Air Navigator CD.

Contents

- ▶ Wireless 54Mbps CardBus Adapter (WLI-CB-G108)
- ▶ Air Navigator CD
- ▶ Quick Setup Guide
- ▶ Warranty Card

If any items are missing, please contact the reseller from whom you purchased this product.

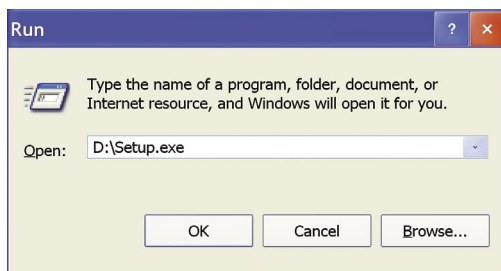
System Requirements

- ▶ Laptop PC with an available CardBus Slot.
- ▶ Windows 2000, XP
- ▶ 10 MB of available disk space
- ▶ 802.11b or 802.11g access point (Infrastructure Mode) OR a different computer with an 802.11b or 802.11g wireless adapter (Ad-hoc Mode).

Installing and Configuring the Wireless CardBus Adapter:

Step 1 Installing the Wireless CardBus Adapter Drivers

Caution: Complete Step 1 before inserting the Wireless CardBus Adapter.



represents the letter assigned to the CD-ROM drive. If another letter is assigned to the CD-ROM drive, your command should reflect that difference. Click the **OK** button to launch the wizard.



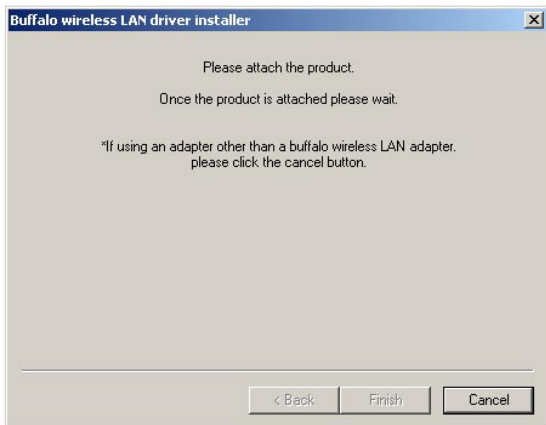
► Insert the Air Navigator CD into the CD-ROM drive of the PC. The Air Navigator Setup Wizard launches automatically. If the Air Navigator Setup Wizard does not launch automatically, launch the wizard manually by selecting **Start » Run** to open the Run dialog box. Enter **D:\Setup.exe** in the Open field, where D:

► Select **Install Wireless Adapter**. Click the **OK** button to begin the installation process.

► Click **Next** to continue the process.

► Review the Software License Agreement. Click the **Yes** button to confirm your agreement with the terms and continue installing the Wireless CardBus Adapter drivers. Click the **No** button to abort the installation process. Also, close the onscreen help that appears; it is not necessary for this setup.

Step 2 Installing the Wireless CardBus Adapter



► When the window which prompt you to attach the **Wireless CardBus Adapter** to the CardBus appears, firmly insert the **Wireless CardBus Adapter** into an available CardBus slot.



► CardBus slots are located on one side of the Laptop.

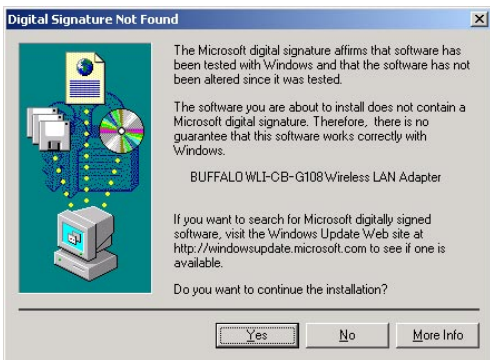
Please consult the Laptop Manufacturer's documentation for CardBus installation instructions.



► If the **Found New Hardware Wizard** launches, click **Finish** to complete the wizard.



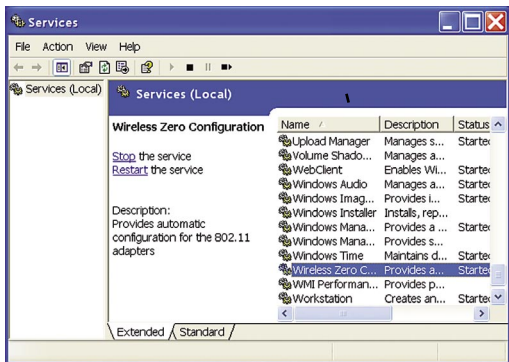
► When the **Wireless CardBus Adapter** is successfully installed, click the **Finish** button. Restart your PC if prompted.



► **Windows 2000:** If the **Digital Signature Not Found** page opens, informing you that no digital signature exists for the driver you are installing, click the **Yes** button to continue the installation process. When the Wireless CardBus Adapter is successfully installed, click the **Finish** button and **restart** your PC if prompted.

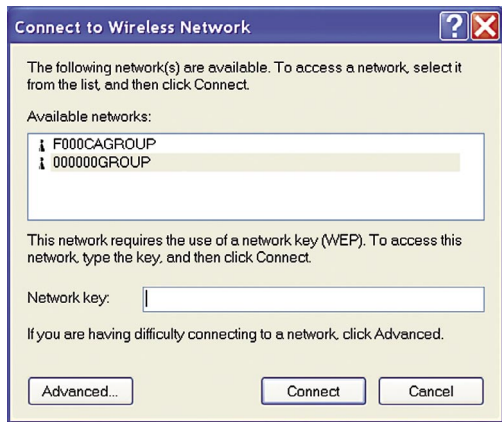
Step 3 Configuring Wireless Zero Configuration Service

■ **Note:** Skip to Page 9 if you are not using Windows XP or prefer not to use Windows XP's Wireless Zero Configuration Service.

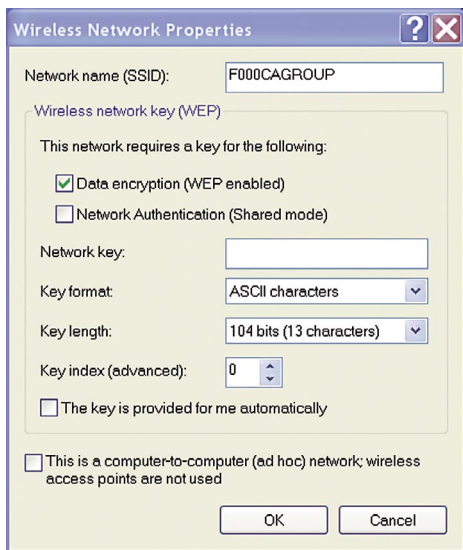


► If the Wireless Zero Configuration Service is activated, Windows will scan for available wireless access points once the Wireless CardBus Adapter is properly installed. If Windows detects one or more access points, a networking icon appears in the taskbar. One or more wireless networks are available appears as a caption accompanying the icon.

■ **Note:** If the Wireless Zero Configuration Service is not functioning, select **Start » Control Panel » Administrative » Tools » Services**. Select **Automatic** in the Startup type field to enable the Wireless Zero Configuration Service. The default value is **Automatic**.



► Right click the **networking icon** in the taskbar and select **View Available Wireless Networks** to display a list of available wireless networks. See the next step if you need to enter an SSID network name or WEP/WPA encryption key. Select an **access point network name** or **SSID** and click the **Connect** button to establish a connection.



- Select a **network name** or **access point** and click the **Advanced** button to enter an **SSID network name** or **WEP key** if necessary.

For more information about the Wireless Zero Configuration Service, refer to the AirStation Wireless CardBus Adapter's User Manual on the AirStation CD.

You have finished installing your Wireless CardBus Adapter. If you prefer using Buffalo's Client Manager over Microsoft's, then see the Installing **Client Manager** section to install Buffalo's Client Manager on your PC. For more information about configuring and operating your Wireless CardBus Adapter and Buffalo's Client Manager, refer to the AirStation Wireless CardBus Adapter Help, located on the Air Navigator CD.

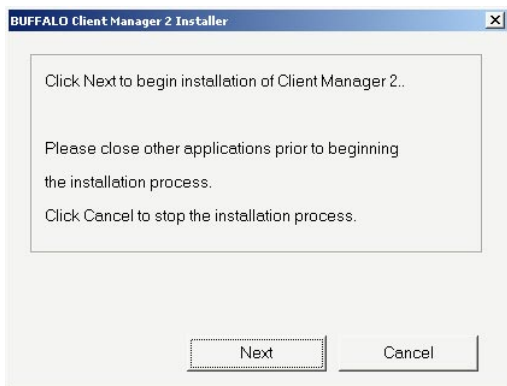
■ **Note:** Buffalo Technology recommends that users of the Microsoft Wireless Zero Configuration Service upgrade to the latest version freely available at <http://www.microsoft.com>

Installing Client Manager

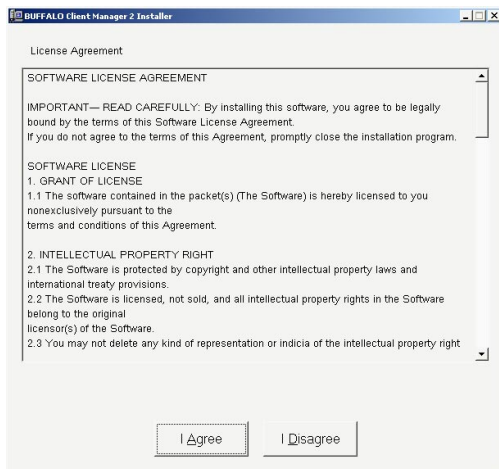
■ **Note:** Client Manager does not function properly if the Windows XP Wireless Zero Configuration Service is enabled. Installing Client Manager will automatically disable this service.



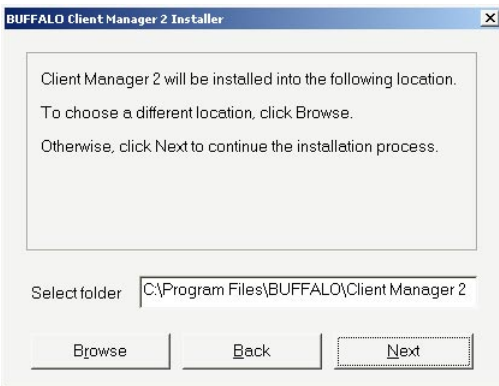
► Insert the **AirNavigator CD** into the CDROM drive. The **AirNavigator dialog box** will open automatically. If the AirNavigator dialog box does not open automatically, select **Start » Run** and enter **D:\Setup.exe** in the **Open field** to open the dialog box manually. D: represents the letter assigned to the CD-ROM drive. If another letter is assigned to the CD-ROM drive, your command should reflect that difference. Click the **OK** button. Select **Install Client Manager** to launch the Installer.



► Once the Installer Wizard launches, click the **Next** button to begin the software installation.



Press **I Agree** to accept the license agreement and continue the installation process.



Choose the installation path or accept the default path and press the **Next** button to continue.

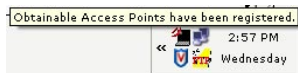
Setup will begin copying files at this point.



Press the **OK** button to finish and close the installation program.



► Press the **Exit** button to exit the Client Manager installation utility.



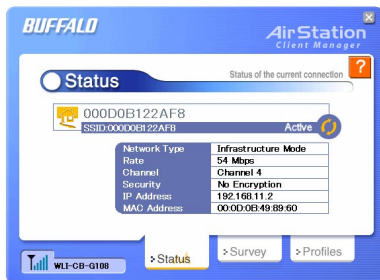
► The Buffalo Client Manager is now installed and running, right clicking on its icon (the black laptop CardBus icon) will allow you to begin using it.

For detailed instructions on using Buffalo's Client Manager, please refer to the **AirStation Wireless CardBus Adapter Manual**, located on the **Air Navigator CD** in the **MANUAL** folder. To quickly connect to an available access point double click on its icon, select the survey screen, select the proper wireless network and press the '**Connect**' button. This will connect you to the Access Point, you may be required to enter encryption settings to properly connect.

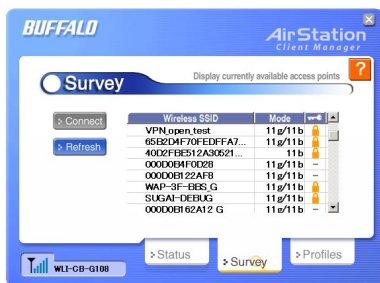
Depending on the operating system, some screens may vary from those shown in this guide. However, by accepting default installation settings, Client Manager should properly install. For more information about configuring and operating your Wireless CardBus Adapter and Client Manager, refer to the **AirStation Wireless CardBus Adapter Manual**, located on the **Air Navigator CD** in the **MANUAL** folder.

Using Client Manager

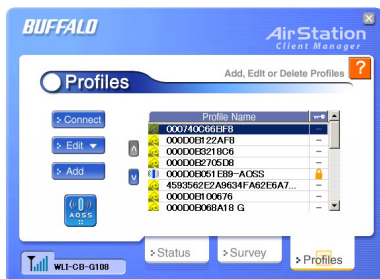
Client Manager consists of the Status page, the Survey page and the Profiles page. You can access each page by clicking the corresponding tab from any screen. In addition to the tabs, several sub-tabs are available to allow even more customization.



► By default, this page is displayed when you start Client Manager. This page displays the status of the connection between the wireless adapter and another wireless device. This page only displays connection information no changes to the connection can be made from this screen.



► Use this page to survey the area, display available access points, and connect to available access points.



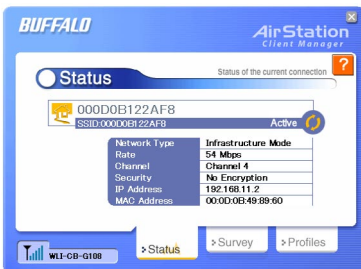
► Profiles provide the option to save the information associated with a specific wireless network so you can quickly and easily connect to that network when you are back in that location in the future. The Profiles page allows you to add, delete and edit your profiles,

Using AOSS

AOSS (AirStation One-Touch Secure System) is a simple, one-touch setup for connecting wireless clients to an access point while setting up the most secure possible connection. Users no longer need to worry about choosing the proper security protocols, IP addresses, or SSID's. The intelligence of AOSS determines the most optimal connection and configures itself in seconds.

Using the Quick Setup Guide for your client device, please install the drivers and client manager software. Once complete, the following steps will guide you in using Buffalo's Client Manager software to initiate an AOSS connection.

It is recommended to shut off any personal firewalls on your PC (such as Zone Alarm, Microsoft Personal Firewall, Norton Internet Security, etc.). These programs may cause issues with the AOSS setup procedure. They may be re-enabled after the AOSS process has been completed.



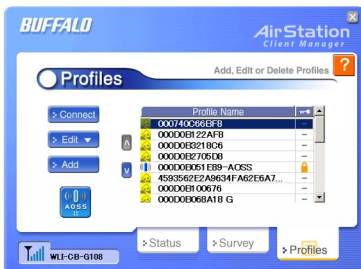
■ **NOTE:** AOSS automatically creates a secure connection to your AOSS Access Point. You must have a Buffalo AOSS enabled Access Point or Router to use AOSS on an AOSS enabled wireless client device.



► Start Client Manager by right clicking on the Icon in your system "Tray", or by launching the Client Manager from you Start Menu. (Programs => Buffalo => AirStation Utility => Client Manager 2)

► From the Main Status Screen, Select the "Profiles" tab.

► Click on the **AOSS** button to initiate your AOSS session. The AOSS wizard will begin and guide you through the automatic AOSS process.





► Initialize AOSS mode on the AOSS Access Point. This is done by pressing the **AOSS** button on the Access Point. Typically the button will need to be pressed for 3-5 seconds until the AOSS light on the Access Point begins to flash. Please consult the Quick Setup Guide or the AOSS Supplement Guide that came with your Access Point for more information.



► The wizard will search for any available AOSS Access Points. If you haven't already initiated the AOSS Access Point you may do so now; the wizard will wait until an AOSS Access Point is initiated.

■ **NOTE:** AOSS mode will stay active for a period of two minutes. This is the time-slot required to initiate the wireless client adapter.



► AOSS will communicate with the Access Point and automatically configure a secure connection, using the highest security level available for the two devices. If additional devices are added, the security level of all devices will adjust to accommodate the device with the lowest security standard. Thus, the entire network uses the highest level of security possible amongst all devices.



► A confirmation page will appear momentarily. Client Manager will return to the 'Status' Screen where it will renew an IP address. Please wait for the renew process to complete (~30 seconds). Once complete the connection has been made and is stored for later use as well. You can press the 'X' on the client manager to close the screen. You may now access the network and/or Internet through a secure wireless connection.

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Buffalo Technology

Technical Support

Buffalo Technology offers Toll-Free Technical Support 24 hours a day, 7 days a week for this product. Customers in the United States and Canada can obtain technical support using the following information:

- ▶ Online Help: Available on the AirNavigator CD enclosed with your purchase.
- ▶ Web www.buffalotech.com/wireless
- ▶ E-mail info@buffalotech.com
- ▶ Telephone 866-752-6210 (USA & Canada only)

The constantly evolving state of wireless products and operating systems requires Buffalo Technology to occasionally release updated software to take advantage of new technologies and to comply with industry standards. For the most recent software, firmware, driver, and technical whitepaper releases available, please visit the Buffalo Technology Website.

FCC Compliance Statement - See owners manual for complete statement. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

R&TTE Compliance Statement - See owners manual for complete statement. This equipment complies with all the requirements of the DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 9 March 1999 on radio equipment and telecommunication terminal Equipment and the mutual recognition of their conformity (R&TTE).

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